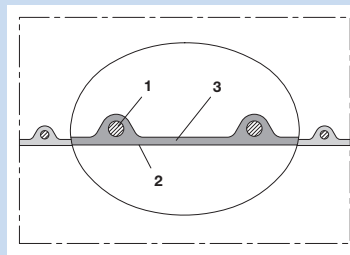


AIRDUC® TPE 363



High-temperature suction and transport hose; Medium-heavy, smooth interior, abrasion-proof (up to 125°C)

Applications

- plastic industry, hot drying air: granulate/ plastic dryer, hot air dryer
- film blowing machines, cooling air at the extrusion tool
- printing machines, air supply: UV dryer, IR dryer
- textile industry, steam soaking: steam irons, industrial ironing machines, smoothing irons
- busses, utility vehicles, caravans/ trailer, mobile homes/ camper/ RV, boats, ships/ vessels/ marine, yachts/ yachtings: ventilation, heating compressors, side channel blowers, vacuum pumps, pressure pumps, pumps
- paper mills, paper and pulp industry: waste water, extraction air
- heating systems/ heaters: fresh air supply

- very good heat resistance
- medium-heavy model
- smooth interior
- optimized flow properties
- flexible
- good resistance to oil, gasoline and chemicals
- good resistance to alkalis and acids
- small bending radiuses
- kink-proof
- free of softener and halogen
- gas and liquid tight
- conform to RoHS guideline
- according to German TRBS 2153 (formerly BGR 132): capable of electro-static discharge by grounding the spiral, recommended for many applications with the exception of inflammable bulk materials

- -40°C to 125°C
- short time to 150°C

Design, Material

AIRDUC® profile hose

1. spring steel wire firmly embedded in wall
2. profile with optimised flow properties
3. wall thickness 0,8 mm approx.

Delivery variants

- further diameters and lengths available on request
- black (standard)
- special colours: full coloured
- customer-specific product marking
- as a pre-assembled hose system with CON-NECT connectors
- customised connectors

Properties

Temperature Range

I.D. in / mm	O.D. mm	Over- pressure bar	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
- / 30	38	0,925	0,195	23,0	0,210	10	-	363-0030-0000
1,25 / 32	40	0,870	0,190	24,0	0,250	10	-	363-0032-0000
1,36 / 35	43	0,795	0,180	25,5	0,270	-	10	363-0035-0000
1,5 / 38	46	0,730	0,175	27,0	0,290	10	-	363-0038-0000
- / 40	48	0,695	0,170	28,0	0,300	10	-	363-0040-0000
- / 42	50	0,665	0,165	29,0	0,310	-	10	363-0042-0000
1,75 / 44-45	53	0,620	0,160	30,5	0,330	10	-	363-0045-0000
2 / 50-51	58	0,560	0,150	33,0	0,370	10	-	363-0050-0000
- / 55	63	0,510	0,130	35,5	0,420	-	10	363-0055-0000
2,36 / 60	68	0,465	0,115	38,0	0,450	10	-	363-0060-0000
2,5 / 63-65	73	0,430	0,100	40,5	0,490	-	10	363-0065-0000
- / 70	78	0,400	0,085	43,0	0,530	10	-	363-0070-0000
3 / 75-76	83	0,370	0,080	45,5	0,560	-	10	363-0075-0000
- / 80	88	0,350	0,070	48,0	0,590	10	-	363-0080-0000
3,5 / 89-90	98	0,310	0,065	53,0	0,670	10	-	363-0090-0000
4 / 100-102	108	0,280	0,050	58,0	0,740	10	-	363-0100-0000
- / 110	118	0,255	0,045	63,0	0,810	-	10	363-0110-0000
4,5 / 114-115	123	0,245	0,045	65,5	0,840	-	10	363-0115-0000
4,72 / 120	128	0,235	0,045	68,0	0,870	-	10	363-0120-0000
5 / 125-127	133	0,225	0,035	70,5	0,910	10	-	363-0125-0000
- / 130	138	0,215	0,035	73,0	0,950	-	10	363-0130-0000
5,5 / 140	148	0,200	0,035	78,0	1,020	-	10	363-0140-0000
6 / 150-152	158	0,190	0,035	83,0	1,100	10	-	363-0150-0000

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. Additional technical data at www.norres.com. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.

I.D. in / mm	O.D. mm	Over- pressure bar	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
6,3 / 160	168	0,175	0,030	88,0	1,160	-	10	363-0160-0000
6,5 / 165	173	0,170	0,030	90,5	1,190	-	10	363-0165-0000
- / 170	178	0,165	0,025	93,0	1,230	-	10	363-0170-0000
- / 175	183	0,160	0,025	95,5	1,260	-	10	363-0175-0000
7 / 178-180	188	0,155	0,025	98,0	1,290	10	-	363-0180-0000
8 / 200-203	208	0,140	0,025	108,0	1,440	10	-	363-0200-0000
- / 225	233	0,130	0,020	120,5	1,630	10	-	363-0225-0000
9 / 228-229	236	0,120	0,020	122,0	1,650	-	10	363-0228-0000
- / 250	258	0,120	0,020	133,0	1,810	10	-	363-0250-0000
10 / 254	262	0,110	0,015	135,0	1,860	-	10	363-0254-0000
- / 275	283	0,110	0,010	145,5	2,010	-	10	363-0275-0000
11 / 280	288	0,100	0,010	148,0	2,180	-	10	363-0280-0000
- / 300	308	0,090	0,010	158,0	2,420	-	10	363-0300-0000
12 / 305	313	0,090	0,010	160,0	2,480	-	10	363-0305-0000
- / 315	323	0,085	0,010	165,5	2,600	-	10	363-0315-0000
- / 325	333	0,080	0,010	170,5	2,720	-	10	363-0325-0000
13 / 330	338	0,075	0,010	173,0	2,780	-	10	363-0330-0000
- / 350	358	0,065	0,010	183,0	3,020	10	-	363-0350-0000
14 / 356	364	0,060	0,005	186,0	3,090	-	10	363-0356-0000
- / 400	408	0,040	0,005	208,0	3,620	10	-	363-0400-0000
16 / 405-406	414	0,035	0,005	211,0	3,690	-	10	363-0406-0000
- / 450	458	0,015	0,005	233,0	4,220	-	10	363-0450-0000
18 / 457	465	0,015	0,005	236,5	4,305	-	10	363-0457-0000
- / 500	508	0,005	0,005	258,0	4,820	-	10	363-0500-0000
20 / 508	516	0,005	0,005	262,0	4,915	-	10	363-0508-0000

Accessories



CLAMP 212



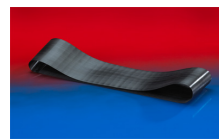
CLAMP 212 EC



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT 223



CONNECT 270-271

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. Additional technical data at www.norres.com. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.